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Preliminary Report

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U-2 Reconnaissance Mission C176C flown 24 August 1966

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DST-PR

26 September 1966



DIRECTORATE OF SCIENCE AND TECHNOLOGY

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Preliminary Report

U-2 RECONNAISSANCE MISSION C176C
flown 24 August 1966

DST-PR/ 25X1A
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MISSION HIGHLIGHTS

Mission C176C, flown over South China on 24 August 1966, provided the second indication of a native modification to the Soviet SA-2 surface-to-air missile system. While south of Canton, the U-2 pilot experienced and reported activation of [REDACTED] and observed a missile contrail. Analysis of the mission's photography did not show the missiles, but did reveal the previously unidentified site that fired at the U-2.

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[REDACTED]

One fighter was noted airborne in response to the mission, but it does not appear to have attempted an interception.

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[REDACTED]

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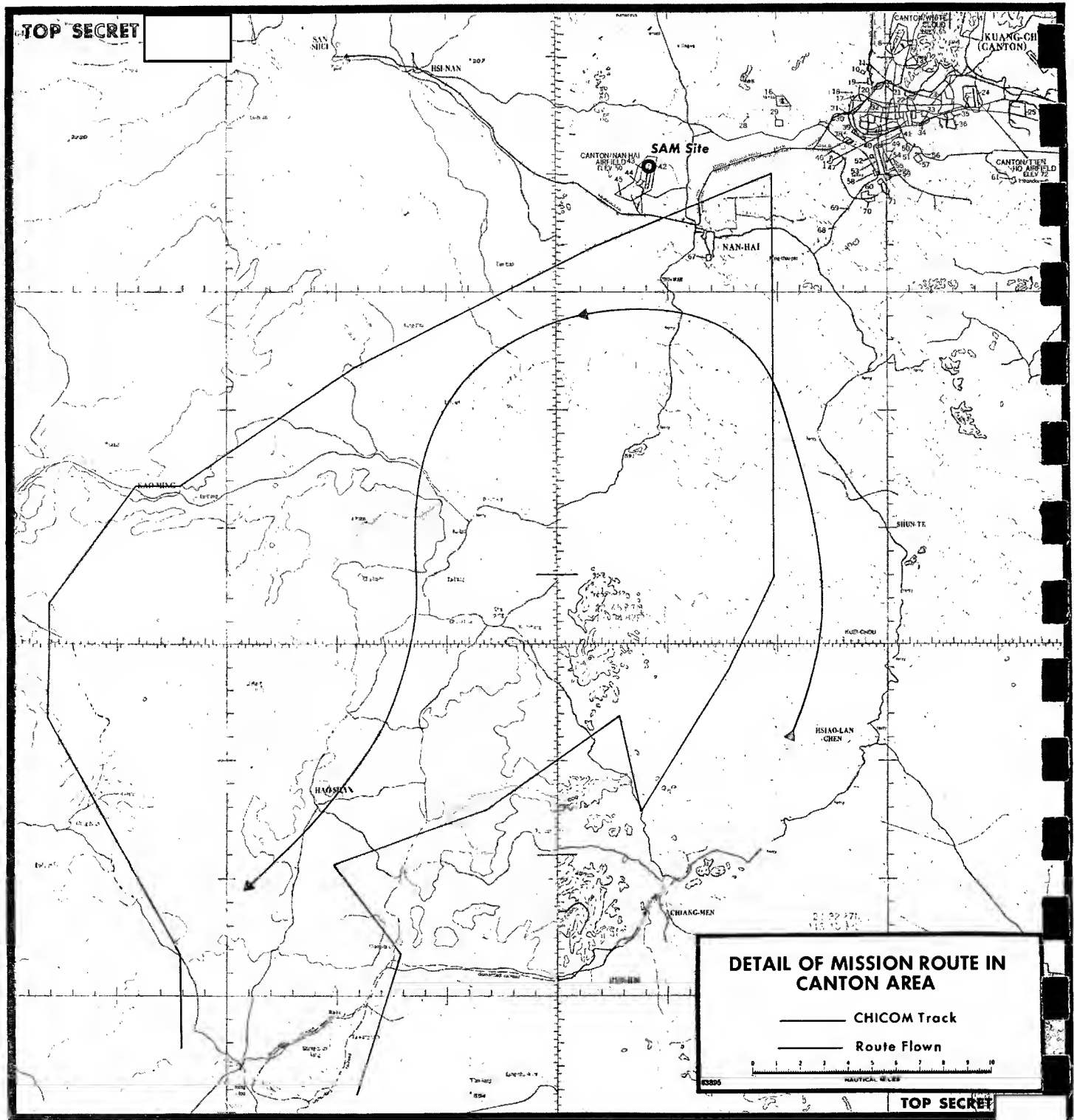
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Figure 2



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Preliminary Report

U-2 RECONNAISSANCE MISSION C176C
flown 24 August 1966

BACKGROUND

Mission C176C was flown over South China [redacted] on 24 August 1966 [redacted]. The mission was aborted after it had been fired on by a previously unidentified SA-2 site in the Canton area. Total mission time was 4 hours and 4 minutes; [redacted]

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This mission was flown in response to USIB and COMOR requirement for weekly coverage of highest priority COMOR targets in South China.

ANALYTICAL FINDINGS

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PHOTOGRAPHY

A preliminary study of the mission photography shows that 77 targets were covered by this mission, including one previously unidentified SAM site, 14 naval installations, 23 military facilities, 19 industrial complexes, 3 electronics sites, 2 airfields, and 15 miscellaneous targets. Thirteen of the 77 targets were on the COMOR listing (see table 2). Figure 3 is included as an example of the mission photography.

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Table 2

COMOR TARGETS COVERED BY MISSION C176C

<i>Target No.</i>	<i>Target Description</i>
25X1A	CANTON-WHITE CLOUD airfield
	CANTON military storage area
	NAN TAI radar site
	CANTON/NAN HAI airfield
	WEN TSUN possible naval base U/C
	CHUNG SHAN port facilities
	SAN CHIA TSUN naval facility
	AO MEN TAO port facility
	CHU HAI barracks A storage area A
	PI TSUN army barracks area 4
	CHANG MY TOU army barracks west
	UANG CHOU ammunition depot
	CANTON storage area
	CANTON complex

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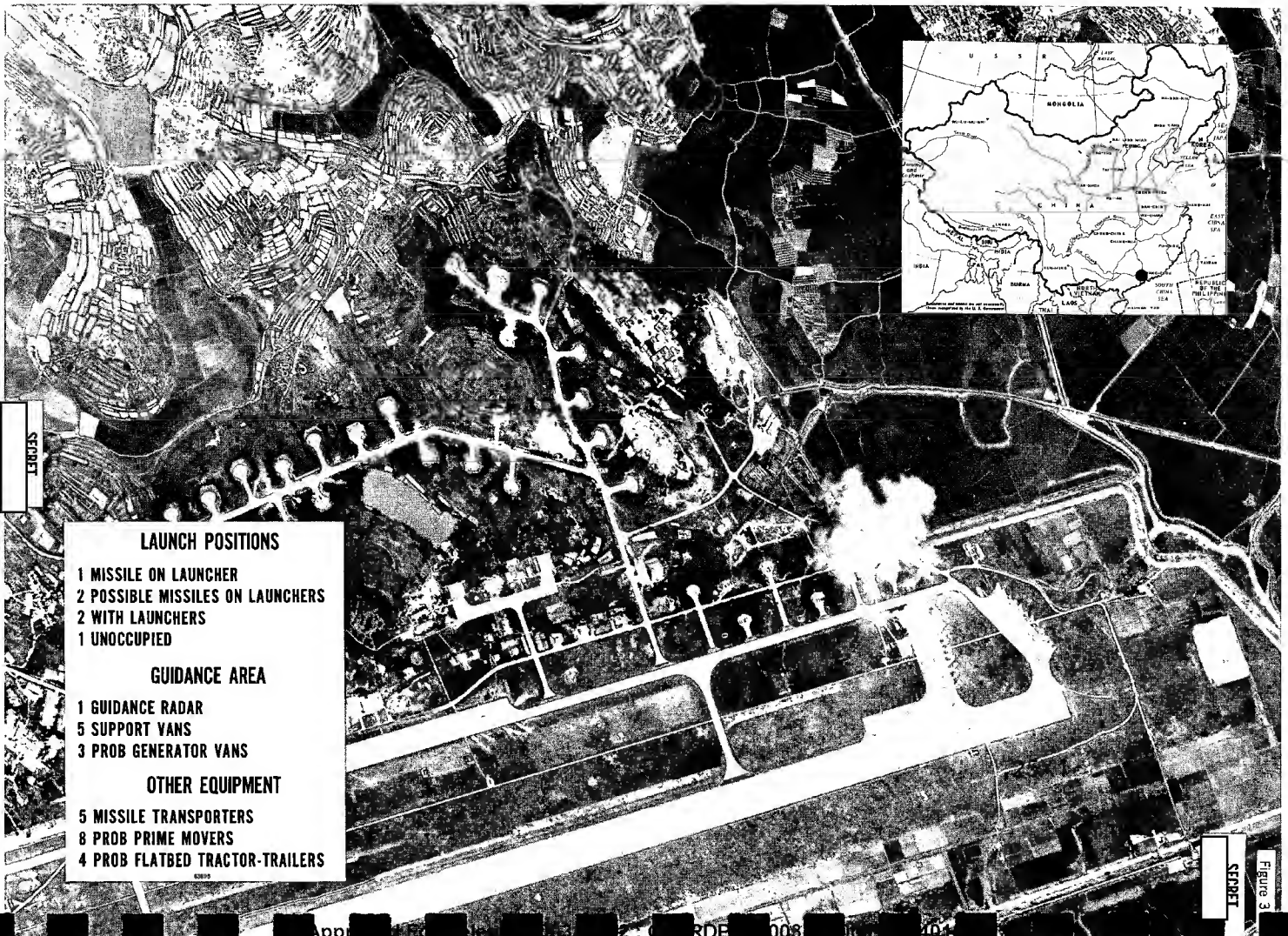
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MISSION C176C, 24 AUGUST 1966



CANTON SAM SITE B27-2

23-05-30N 113-04-00E



LAUNCH POSITIONS

- 1 MISSILE ON LAUNCHER
- 2 POSSIBLE MISSILES ON LAUNCHERS
- 2 WITH LAUNCHERS
- 1 UNOCCUPIED

GUIDANCE AREA

- 1 GUIDANCE RADAR
- 5 SUPPORT VANS
- 3 PROB GENERATOR VANS

OTHER EQUIPMENT

- 5 MISSILE TRANSPORTERS
- 8 PROB PRIME MOVERS
- 4 PROB FLATBED TRACTOR-TRAILERS



Figure 3
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SOURCES

This preliminary technical evaluation of the U-2 reconnaissance mission flown over South China on 24 August 1966 was developed for the 303 Committee by the following elements of the Directorate of Science and Technology:

Office of Scientific Intelligence
Office of Special Activities

[REDACTED]

The evaluations are based on information and data provided by:

[REDACTED]

National Photographic Interpretation Center,
Washington, D. C.

67th Technical Reconnaissance Squadron, Yakota, Japan

[REDACTED]

Graphics support has been provided by the Office of Basic Intelligence of the Directorate of Intelligence.

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